

Scope of Claims

1. A suede-like sheet which is characterized in that, in a suede-like sheet comprising primarily ultrafine fibre of no more than 0.3 dtex and polyurethane, said polyurethane employs polymer diol which contains from 30 wt% to 90 wt% polycarbonate diol, said sheet contains from 20 wt% to 60 wt% of said polyurethane, the average nap length is 300 μ m to 2000 μ m, and the percentage retention of local fatigue resistance before and after an accelerated ageing treatment is at least 50%.
2. A suede-like sheet according to Claim 1, which is characterized in that the local fatigue resistance following the accelerated ageing treatment is at least 70 times.
3. A suede-like sheet according to Claim 1, which is characterized in that the polycarbonate diol is poly(1,6-hexamethylene carbonate)diol.
4. A suede-like sheet according to Claim 1, which is characterized in that the polymer diol contains 5 wt% to 70 wt% of at least one type of polymer diol selected from the group comprising polytetramethylene glycol, poly(neopentylene adipate)diol, polycaprolactone diol and poly(2,5-diethylpentamethylene adipate)diol.
5. A suede-like sheet according to Claim 1, which is characterized in that the polyurethane is a polyurethane employing polymer diol containing 40 wt% to 90 wt% polycarbonate diol.

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6. A suede-like sheet according to Claim 1, which is characterized in that the polyurethane is a polyurethane employing polymer diol containing from 40 wt% to 85 wt% polycarbonate diol.

7. A suede-like sheet according to Claim 1, which is characterized in that the ultrafine fibre comprises polyester, and there is used polyurethane such that, when the amount of dyestuff contained in the polyurethane following dyeing of the suede-like sheet with a disperse dyestuff is taken as A and the amount of dyestuff contained in the polyurethane following subsequent reduction washing is taken as B, the dyeability index B/A is at least 0.3 and, furthermore, the wet rubbing fastness as measured in accordance with JIS L0849 is at least grade 3.

8. A suede-like sheet according to Claim 1, which is characterized in that the average nap length is from 500 μm to 1500 μm .

9. A suede-like sheet according to Claim 1, which is characterized in that the rubbing weight loss based on the brush rubbing test is no more than 25 mg.

10. A method for the production of a suede-like sheet which is characterized in that, in the preparation of a suede-like sheet comprising a nonwoven fabric of ultrafine fibre of no more than 0.3 dtex and a polyurethane which employs polymer diol containing 30 wt% to 90 wt% of polycarbonate diol, a buffing treatment is carried out after applying an antistatic agent to the sheet.

11. A method for the production of a suede-like sheet according to Claim 10 which is characterized in that the buffing treatment is carried out after applying an antistatic agent and a silicone lubricant to the sheet.

12. A method for the production of a suede-like sheet according to Claim 10 which is characterized in that the buffing treatment is carried out after applying antistatic agent to the sheet such that the frictional electricity measured by the method described in JIS L1094 B is from -500 to +5000 V.

13. A method for the production of a suede-like sheet according to Claim 10 which is characterized in that it contains a stage in which bonding is carried out in a state with two layers of ultrafine fibre nonwoven material or ultrafine fibre-generating fibre nonwoven material superimposed, and a stage in which this nonwoven material is subsequently sliced into two in the thickness direction.

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